

BRADFORD ON AVON URBAN DISTRICT COUNCIL

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
AND
PUBLIC HEALTH INSPECTOR
FOR THE YEAR

1968



BRADFORD ON AVON URBAN DISTRICT COUNCIL

POPULATION (Estimated Mid-year)	7,402
AREA	2,551 acres
RATEABLE VALUE	£229,696
SUM REPRESENTED BY PENNY RATE	£978.3.11d.
NUMBER OF INHABITED HOUSES	2,666
AVERAGE NUMBER OF PERSONS PER HOUSE	2.78

CHAIRMAN of the COUNCIL	W.J.ANDREWS, ESQ.
CHAIRMAN of the HOUSING COMMITTEE	MRS.D.M.NEWMAN
CHAIRMAN of the GENERAL PURPOSES COMMITTEE	J.S.BENJAMIN, ESQ.
MEDICAL OFFICER OF HEALTH	DR.J.L.DAVIES, M.B., B.S., D.P.H.
PUBLIC HEALTH INSPECTOR	C.M.HOLSGROVE, CERT. S.I.B. MEAT AND FOODS INSPECTOR, M.A.P.H.I.

WESTBURY HOUSE,
BRADFORD ON AVON,
WILTSHIRE.

Tel: BRADFORD ON AVON 2256-7

MR. CHAIRMAN AND MEMBERS,

I have pleasure in presenting to you the Annual Report for the year 1968.

Yours sincerely,

JOHN L. DAVIES.

Medical Officer of Health.

VITAL STATISTICS

<u>LIVE BIRTHS</u>	<u>M.</u>	<u>F.</u>	<u>Total</u>	<u>1967</u>	<u>England & Wales 1968</u>
Legitimate	50	71	121	133	
Illegitimate	7	4	11	7	
<u>TOTAL</u>	<u>57</u>	<u>75</u>	<u>132</u>	<u>140</u>	
<u>CRUDE LIVE BIRTH RATE</u> per 1,000 population			17.6	19.2	16.9
<u>ILLEGITIMATE LIVE BIRTHS</u> 8.5% of Total Live Births				5.0	8.5
<u>CORRECTED LIVE BIRTH RATE</u> per 1,000 population (comparability factor 1.05)			18.5	20.1	16.9
<u>STILL BIRTHS</u>					
Legitimate	0	1	1	0	
Illegitimate	0	0	0	0	
<u>TOTAL</u>	<u>0</u>	<u>1</u>	<u>1</u>	<u>0</u>	
<u>STILL BIRTH RATE</u> per 1,000 live and still births			7.5	Nil	14.4
<u>TOTAL DEATHS FROM ALL CAUSES</u>	42	36	78	79	
<u>DEATH RATE</u> per 1,000 population <u>ALL CAUSES</u>			10.4	10.8	11.9
<u>CORRECTED DEATH RATE</u> per 1,000 population (comparability factor 1.05)			10.9	11.3	11.9
<u>INFANT DEATHS</u> (under 1 year)					
Legitimate	0	0	0	1	
Illegitimate	0	0	0	0	
<u>TOTAL</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>1</u>	
<u>INFANT MORTALITY RATE</u>					
per 1,000 Live Births			Nil	7.1	18.0
<u>NEO-NATAL DEATHS</u> (under 4 weeks)	0	0	0	1	
<u>EARLY NEO-NATAL DEATHS</u> (under 1 week)	0	0	0	1	
<u>NEO-NATAL MORTALITY RATE</u> per 1,000 Live Births			Nil	7.1	12.3

Vital Statistics (Cont'd)

	<u>M.</u>	<u>F.</u>	<u>Total</u>	<u>1967</u>	<u>England & Wales 1968</u>
<u>EARLY NEO-NATAL MORTALITY RATE</u> per 1,000 live births			Nil	7.1	10.5
<u>PERINATAL MORTALITY RATE</u> (still births and deaths under 1 week per 1,000 live and still births)			7.5	7.1	25.0
<u>MATERNAL DEATHS</u> (including abortion)			Nil	Nil	
<u>MATERNAL MORTALITY RATE</u> per 1,000 live and still births			Nil	Nil	0.24

The above statistics compare very favourably with those of England and Wales for 1968. The Infant Mortality Rate, which includes all infant deaths up to the age of 1 year, was nil.

CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE DURING 1968

	Sex	Total All ages	4 weeks		AGE IN YEARS								75 & over
			Under 4 weeks	& under 1 year	1-	5-	15-	25-	35-	45-	55-	65-	
					1-	5-	15-	25-	35-	45-	55-	65-	
{ Infective & Parasitic diseases	M	1	-	-	-	-	-	-	-	1	-	-	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
{ Malignant Neoplasm - Stomach	M	1	-	-	-	-	-	-	-	-	-	1	-
	F	1	-	-	-	-	-	-	-	-	-	-	1
{ Malignant Neoplasm - Lung, Bronchus	M	7	-	-	-	-	-	-	-	2	2	3	-
	F	-	-	-	-	-	-	-	-	-	-	-	-
{ Malignant Neoplasm - Breast	M	-	-	-	-	-	-	-	-	-	1	1	-
	F	3	-	-	-	-	-	-	-	-	-	1	1
{ Malignant Neoplasm - Uterus	F	1	-	-	-	-	-	-	-	-	-	1	-
{ Other Malignant Neoplasms, etc.	M	3	-	-	-	-	-	-	-	1	1	1	-
	F	1	-	-	-	-	-	-	-	-	-	-	1
{ Hypertensive disease	M	1	-	-	-	-	-	-	-	-	-	1	-
	F	1	-	-	-	-	-	-	-	-	-	-	1
{ Ischaemic Heart Disease	M	12	-	-	-	-	-	-	-	-	7	3	2
	F	6	-	-	-	-	-	-	-	-	-	3	3
{ Other forms of Heart disease	M	8	-	-	-	1	-	-	-	-	-	2	5
	F	4	-	-	-	-	-	-	-	-	-	-	4
{ Cerebrovascular disease	M	4	-	-	-	-	-	-	-	-	-	2	2
	F	8	-	-	-	-	-	-	-	-	1	1	6
{ Other diseases of circulatory system	M	1	-	-	-	-	-	-	-	-	1	-	-
	F	3	-	-	-	-	-	-	-	-	-	1	2

22%

61%

	Sex	Total all ages	4 weeks		AGE IN YEARS								75 & over	
			Under 4 weeks	& under 1 year	1-5	5-15	15-25	25-35	35-45	45-55	55-65			
(Pneumonia	M	-	-	-	-	-	-	-	-	-	-	-	-	1
	F	1	-	-	-	-	-	-	-	-	-	-	-	1
{Bronchitis & Emphysema	M	3	-	-	-	-	-	-	-	-	-	-	2	1
	F	-	-	-	-	-	-	-	-	-	-	-	-	-
{Asthma	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	1	-	-	-	-
Diseases of Digestive system	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	2	-	-	-	-	-	-	1	-	-	-	-	1
Diseases of Genito-Urinary system	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	-	-	-	-	1
Ill-defined conditions	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	-	-	-	-	-	1
Motor Vehicle accidents	M	-	-	-	-	-	-	-	-	-	-	-	-	-
	F	1	-	-	-	-	-	-	1	-	-	-	-	-
Suicide & self-inflicted injuries	M	1	-	-	-	-	-	-	-	-	1	-	-	-
	F	1	-	-	-	-	-	-	-	-	-	-	1	-
TOTAL ALL CAUSES	M	42	-	-	1	-	-	-	4	12	15	10		
	F	36	-	-	-	-	-	-	2	3	8	23		

CAUSES OF DEATH.

It will be seen from the table that there was only one death during the year below the age of 45 years.

Of the adult men who died, 7 out of 41 deaths or 1 in 6 were due to Lung Cancer. At present 1 in 9 heavy cigarette smokers die of Lung Cancer but only 1 in 300 non-smokers do so in England and Wales.

1968

NOTIFICATIONS OF INFECTIOUS DISEASES

Whooping Cough ... 3 cases
 Measles 4 "
 Tuberculosis(respiration) 1 case

IMMUNISATION AND VACCINATION

I am indebted to the County Medical Officer for the following figures for immunisations and vaccinations carried out in Bradford on Avon for 1968:-

IMMUNISATION AGAINST DIPHTHERIA, WHOOPING
COUGH AND TETANUS

Year of birth		1968	1967	1966	1965	1964	1959-63	1953-58	Others Under 16
Primary imms. completed during 1968	Diph.	62	60	1	-	1	3	-	-
	Wh/c.	62	56	1	-	1	1	-	-
	Tet.	62	60	1	-	1	3	3	2
	Meas-les	5	11	21	22	33	107	16	-
Reinf. injects. administered during 1968	Diph.	-	26	65	7	7	116	2	-
	Wh/c	-	7	34	3	4	34	2	-
	Tet.	-	26	65	7	7	116	3	-

86% of babies born in 1967 were immunised against diphtheria, whooping-cough and tetanus by the end of 1968. The figure for the County of Wiltshire was 80%

SMALLPOX VACCINATION

	Months				Years		
Age group	0 - 3	3 - 6	6 - 9	9 - 12	1	2 - 4	5 - 15
Vaccinations	-	-	-	-	-	11	5
Re-vaccinations	-	-	-	-	-	-	12

POLIO MYELITIS IMMUNISATION STATISTICS, 1968

Age Group	2nd inj.	3rd inj.	4th inj.	3 oral doses	2 orals after 2 inj.	4th oral after 3 inj. or 3 oral
1968	-	-	-	64	-	-
1967	-	-	-	45	-	23
1966	-	-	-	-	-	63
1965	-	-	-	-	-	3
1964	-	-	-	2	-	6
1959-1963	-	-	-	10	-	107
1953-1958	-	-	-	-	-	2
Others under 16	-	-	-	-	-	-
Others over 16	-	-	-	2	-	4
TOTALS	-	-	-	123	-	208

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA

Laboratory Facilities

The Public Health Laboratory at the Manor Hospital, Combe Park, Bath, carries out all bacteriological examination of milk, ice-cream and other foods. Messrs. Waterfall & O'Brien of Queen's Square, Bristol act as Consulting Analysts to the Council.

Hospital Facilities

These are the responsibility of the South Western Regional Hospital Board.

The Bradford on Avon District Hospital is available for general cases, and Bradford residents have all the facilities of the various Bath hospitals available.

The Berryfield Maternity Hospital, Bradford on Avon, is used both for local cases and cases from the West Wilts Hospitals Management Committee's area.

Claverton Hospital, Bath, is the main Hospital for infectious diseases for a wide area.

Facilities provided by the Wiltshire County Council.

- Home Helps
- Nursing in the Home
- Mental Health
- Services under part III of the National Health Service Act for the prevention of illness, care and after care, health education.
- Ambulances and Ambulance Cars
- Health Visiting
- Child Welfare
- Vaccination and Immunisation

NATIONAL ASSISTANCE ACT, 1948 & 1951

No action had to be taken under Section 47 during the year.

J.L.DAVIES, M.B., B.S.,
D.P.H.

ANNUAL REPORT OF THE PUBLIC HEALTH INSPECTOR
FOR THE YEAR 1968

To the Chairman and Members of the Bradford on Avon Urban
District Council.

Mr.Chairman, Ladies and Gentlemen,

I have pleasure in presenting my annual Report as follows:-

PUBLIC CLEANSING

Refuse Collection

This year saw the completion of the scheme to introduce the disposable bag system of collection comprehensively throughout the district. In addition, from 1st April, we changed over completely to $3\frac{1}{4}$ cub.ft.polythene refuse sacks in place of the $2\frac{1}{2}$ cub.ft.bags previously used. One of the main advantages of the introduction of this system has been that the collection service has been maintained without any additional loaders or vehicle despite a 29% increase in the population of the town. Byelaws for the removal of household refuse became operative on the 1st May. The 50 cub.yd.Pakamatic was put into service on 1st October, and has proved to be very satisfactory.

Refuse Disposal

Disposal continued as before by tipping at the same site, and was reasonably satisfactory. Further meetings held with other Authorities interested in setting up a Joint Incineration Scheme and towards the end of the year consultant engineers were appointed to prepare a specification of plant suitable to the needs of the proposed group. Unfortunately, it became apparent that a considerable escalation of original costings would probably have to be faced.

Salvage

The amount of salvage sold during the year was as follows:

	Tons	cwts	qtr
Paper	33	8	1
Cardboard	10	15	1
Total:	<u>44</u>	<u>3</u>	<u>2</u>

Towards the end of the year a new incentive bonus scheme was introduced, whereby bonus would be paid to the men weekly. It is hoped this will have the effect of increasing the yield of salvageable material delivered to the depot.

Sewage Disposal

Treatment at the works has continued to be satisfactory.

Examination of Effluent sampled on Thursday, 19th December, 1968 at 12.00 hours

Recent weather.

Dry and cold.

Physical Characteristics

pH 7.55

Clear pale straw colour.

A trace of readily settled humus.

Chemical Characteristics

mg. per litre (p.p.m)

Ammonia (as N)

Free

8

Albuminoid

0.41

Total Organic Nitrogen

1.5

Chlorine (as Chloride)

66

equivalent to Sodium Chloride

109

Oxygen absorbed from permanganate in

4 hrs. @ 27°C. From N/80

7.3

Nitrogen in Nitrite

0.5

Nitrogen in Nitrate

11.5

Suspended Solids

8

Biochemical Oxygen Demand (5 days)

12

SWIMMING BATH

Loan sanction for the proposed new indoor Swimming Pool was withheld because of the general economic situation. Towards the end of the year however, there were some grounds to hope that this situation might be favourably reviewed in the early part of 1969.

The existing Baths continued to give good service during the summer months, but requires very careful control mainly due to the age of the plant and equipment. Twice daily chlorination checks were taken throughout the season and bacteriological sample results were generally satisfactory.

Water

It is becoming increasingly difficult for the Water Board to maintain adequate supplies to the area from existing sources which are fully used. It is hoped that the capital works necessary to provide the town with water from another source, will soon be put in hand.

During the year, 13 bacteriological samples were submitted for analysis, all of which were satisfactory except one, which did show slight evidence of contamination.

Chemical Analysis

Belcombe Well

Physical Examination

Appearance Clear and colourless.

General Chemical Examination

Reaction pH	6.7
	<u>Parts per Million</u>
Free Carbon Dioxide CO ₂	33
Ammonia (as N)	
Free	less than .003
Albuminoid	0.013
Chlorine (as Chloride)	67
equivalent to Sodium Chloride	110
Oxygen absorbed (4 hrs.)	0.35
Nitrogen in Nitrite	trace - less than 0.2
Nitrogen in Nitrate	4.1
Total solids	547
Loss on ignition	19
Appearance on ignition	small amount of charring
Hardness: Temporary	274
Permanent	86
Total	<u>360</u>
Lead	0.14
Copper	0.03
Zinc	0.18
Iron Fe	0.09

HOUSING

Ashley Close (Phase II) redevelopment of the old prefab site was completed in April, as were the new Group Dwelling flatlets at St. Margarets Hill. The Middle Rank Preservation Scheme was finally completed in June of this year. Site works at Budbury Place commenced in March and were completed by October, whereafter individual private development of plots began. Work on the erection of council houses at Widbrook View, Phase IV was commenced in April - these houses will be the first to be equipped with oil fired warm air central heating. Future residential development

will take place on an area between Trowbridge Road and Frome Road, and it is hoped the Land Commission will acquire this land, carry out certain off-site works and then to subsequently sell to the Council areas of land as required by them. It is envisaged that the overall development will comprise about half Council, half private development and a small area may be reserved for industrial development. Plans were also approved for the redevelopment of the Budbury Circle site to provide 16 - 2 B.R. three person flats, 16 garages and one shop.

Number of houses classified as unfit:-

Demolition Orders	...	...	...	Nil	
Closing Orders	...	...	...	Nil	
Undertakings accepted	...	...	...	2	2
Number of Closing Orders cancelled					
or rescinded	...	...	...	Nil	
Number of Undertakings cancelled					
or rescinded	...	...	...	Nil	
Number of Demolition Orders					
cancelled	...	...	...	Nil	Nil
<u>Houses built during the year</u>					
By the Council				46	
By private enterprise				56	
<u>Improvement Grants approved</u>					
Discretionary	...	...	...	11	
Standard	...	...	...	11	

FOOD

Milk

Sample results were as follows:-

<u>Grade</u>	<u>Passed</u>	<u>Failed</u>
	<u>Prescribed tests</u>	<u>Prescribed tests</u>
Pasteurised	35	Nil
Pasteurised (Channel Island)	23	Nil
Pasteurised (Homogenised)	2	Nil
	2	Nil

Total samples taken 62

Number of Licensed dealers 8

All dealers obtain their milk prepacked from plants situated outside this area.

Ice-Cream

Number of premises registered for the storage and sale of ice-cream
... .. 20

	<u>Results of sampling</u>			
	<u>Grade I</u>	<u>Grade II</u>	<u>Grade III</u>	<u>Grade IV</u>
Number of samples taken	23	1	Nil	Nil

Food Hygiene Regulations

Grocers and Greengrocers	18
Confectioners	8
Butchers	4
Hotels, Public Houses and Clubs	18
Restaurants and Cafes	4
Fish and Chip Saloons	2
Wholesale	2
Agricultural (not farms)	4
	<u>60</u>

One formal notice was served in respect of a restaurant, but the necessary improvements were then obtained without Court action. Otherwise normal routine control continued to be adequate.

Unsound Food

The following foodstuffs were found to be unfit upon examination, and were destroyed:

Fresh Meat	...	...	...	578 lbs
Tinned Meat	...	...	...	12 lbs
Fresh Vegetables and Fruit	1008	lbs		
Frozen Food(various)	...			656 packets

Much of the above was unfit due to contamination by polluted flood water, and most of the remainder due to break-downs in refrigeration apparatus.

Three incidents of unsound food being purchased were reported to the department during the year. Following investigation, it was decided not to prosecute in each case.

RODENT CONTROL

Fifty nine premises were inspected as a result of which fifty six were found to be in need of treatment. This involved a total of 267 visits by the Operative. Treatments to business premises were carried out as follows:-

Food Shops	...	...	6
Factories	...	...	4
Hospitals	...	...	1
Other	...	...	2

Sewer treatments were again successful and there was no evidence of any infestation at any of the selected points in the system which were treated.

PUBLIC HEALTH - GENERAL

There were no problems from atmospheric pollution during this year. Under the Civic Amenities Act, householders were granted disposal facilities at the tip for old cars, and other items, and a container was supplied and sited at the entrance to the tip for use during week ends and evenings. An application was made by a local piggery for permission to connect their sewage works effluent to the Councils sewer, and this was still under consideration at the end of the year. Floods occurred during July, and all necessary steps were taken to see that no public health hazards were allowed to develop as a result.

DISEASES OF ANIMALS(WASTE FOOD)ORDER,1957

No.of premises licensed	...	...	1
No.of breaches or order	...	...	Nil

PET ANIMALS ACT

There are two premises licensed under this Act, and they operated satisfactorily throughout the year.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

TABLE A - REGISTRATIONS AND GENERAL INSPECTION
Period covered: Year 1968

Class of premises	Number of premises registered during the year	Total number of registered premises at end of year	Number of registered premises receiving a general inspection during the year
(1)	(2)	(3)	(4)
Offices	Nil	13	5
Retail shops	Nil	39	21
Wholesale shops, warehouses	Nil	3	1
Catering establishments open to the public; canteens	Nil	3	3
Fuel storage depots	Nil	1	Nil
TOTALS	Nil	59	30

TABLE B. No. of visits to registered premises.....39

TABLE C. Analysis of persons employed:

Class of Workplace	Number of persons employed
(1)	(2)
Offices	38
Retail shops	124
Wholesale departments and Warehouses	6
Catering establishments open to public	4
Canteens	1
Fuel storage depots	1
Total	174
Total Males	63
Total Females	111

FACTORIES AND WORKSHOPS

(1) INSPECTIONS for purposes of provisions
as to health.

Premises (1)	Number on Register (2)	Inspections (3)	Number of:	
			Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authorities	3	2	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by Local Authority	27	22	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-worker's premises)	3	1	-	-
TOTAL	33	25	-	-

FACTORIES AND WORKSHOPS (Cont'd)

(2) Cases in which DEFECTS were found

Particulars (1)	Found (2)	Remedied (3)	Referred		No. of cases in which prosecutions were instituted (6)
			to H.M. Inspector (4)	by H.M. Inspector (5)	
Want of cleanliness (S.1)	1	1	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	1	1	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-	-
Sanitary conveniences (S.7)					
(a) Insufficient	-	-	-	-	-
(b) Unsuitable or defective	2	2	-	-	-
(c) Not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork)	-	-	-	-	-
TOTAL	4	4	-	-	-

FACTORIES ACT, 1961 - OUTWORK

(Section 133 (2))

NIL

C.M. HOLSGROVE
PUBLIC HEALTH INSPECTOR.

